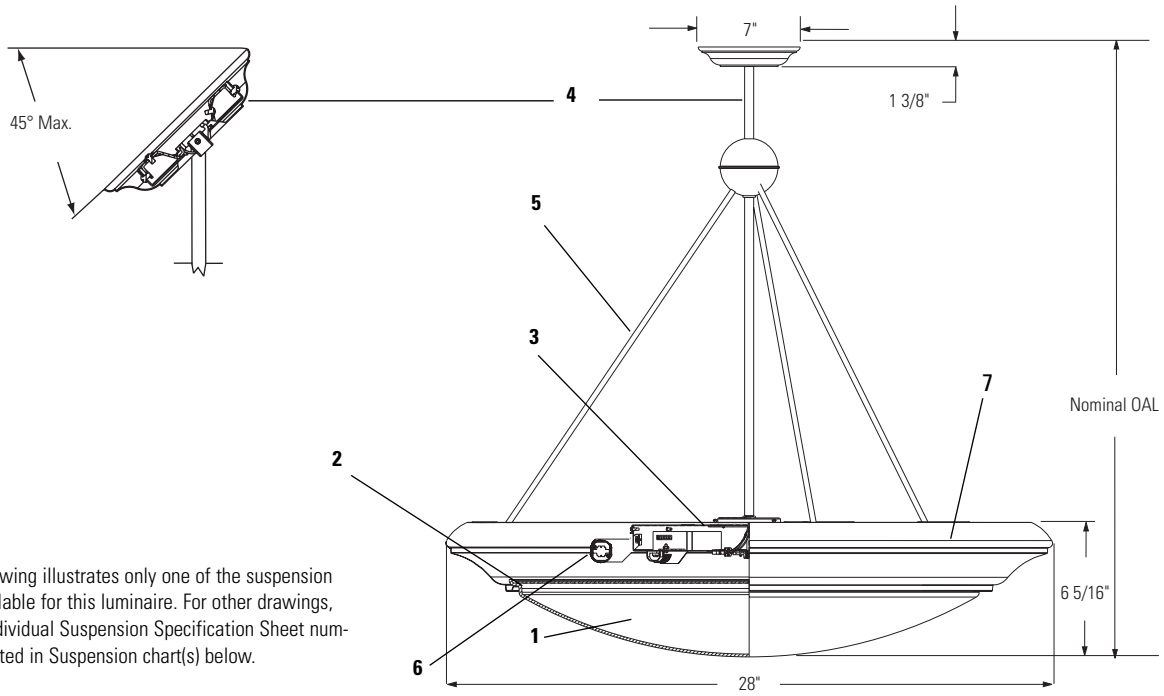
Pendalux Traditional 28" Diameter Body 4-26/32/42 Triple Tube



Note: Drawing illustrates only one of the suspension types available for this luminaire. For other drawings, consult individual Suspension Specification Sheet numbers as noted in Suspension chart(s) below.

Complete Luminaire Consists of Body and Suspension: Order Each Separately.

Catalog No.	Finish	Lamps	Options
4R28442APBU ☐ **4R28442ASBU** ☐	Polished Brass Satin Brass	4-26 Triple Tube Compact Fluorescent or 4-32 Triple Tube Compact Fluorescent or 4-42 Triple Tube Compact Fluorescent	D2 (26W, 120V only), E3 (347V), or EM **Add Suffix to Cat.No.**

Single Swivel Stem		Multiple to Short Swivel Stem		3 Rods to Short Swivel		Suspension Ext. Kits	
Cat. No.	**Nominal OAL**	**Cat. No.**	**Nominal OAL**	**Cat. No.**	**Nominal OAL**	**Cat. No.**	**Nominal OAL**
Specify Finish as Suffix: PB or SB		**Specify Finish as Suffix: PB or SB**		**Specify Finish as Suffix: PB or SB**		**Specify Finish as Suffix: PB or SB**	
4SB115 ☐	15 3/16" (close-to-ceiling)	**4ST228** ☐	28"	**4ST428** ☐	28"	**4SXT48** ☐	48"
4SB118 ☐	16 5/8"	**4ST235** ☐	33 5/8"	See Specification Sheet 4ST324		**4SXT96** ☐	96"
4SB121 ☐	17 15/16"	**4ST242** ☐	38 15/16"				
4SB124 ☐	24 3/16"	See Specification sheet 4ST228					
4SB128 ☐	28"						
4SB135 ☐	33 5/8"						
4SB142 ☐	38 15/16"						
See Specification Sheet(s) 4SB115, 4SB124							

Specifications

- **Suspension Size:** For optimum performance testing recommends OAL (overall length) in proportion to the Body diameter or for close-to-ceiling proportion length (see 4SB115, 4SB128, 4ST228, 4ST428). OAL is defined from bottom of diffuser to ceiling plane.
- **Stem Wires:** Equipped with 120" of leads with keyed connectors for quick connection to Body wiring.

Options & Accessories

D2 = Dimming Electronic Ballast, 26 Watt, 120V, only.
Replace Body Cat No. Suffix "U" with Suffix "D2".
E3 = 347V (Canada)
Replace Body Suffix "U" with Suffix "E3".
EM = Emergency Battery Pack
Add Suffix "EM" to Body Cat. No.
Multi-Level Switching: Prewired, consult wiring diagram.
Fusing: Consult Factory
Finishes: PB = Polished Brass, **SB** = Satin Brass

Job Information Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
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LIGHTOLIER®

Features

1. **Diffusing Reflector:** White translucent acrylic, 3/16" thick.
2. **Inner Dirt Shield:** White translucent acrylic, 1/8" thick.
3. **Chassis:** Steel 20 gauge, semi-gloss white powder-coat finish.
4. **Suspension:** Swivel (central) stem, 5/8" steel tube. Canopy, steel, 7" Dia. fastened internally, no exposed hardware. Permits installation on ceilings with slope of up to 45°. Complies with California Code.
5. **Rods:** Reflector Bowl is suspended from a central point on three 3/16" steel tubes.
6. **Lampholder:** Multi-wattage, 4-pin, will accept either GX24q-3 or GX24q-4 lamp base.
7. **Flange Trim:** Steel 20 gauge, Plated or Painted finish.

Lamping (by others)

Compact Fluorescent: Triple Tube, 26, 32, or 42 Watts.

General Electric	Osram/Sylvania	Philips
26W Triple Tube 4-Pin F26TBX/*/A/4	(Amalgam) Compact CF26DT/E/IN/*	Fluorescent Lamp PL-T26W/*/4P/ALTO
32W Triple Tube 4-Pin F32TBX/*/A/4P/EOL	(Amalgam) Compact CF32DT/E/IN/*	Fluorescent Lamp PL-T32W/*/4P/ALTO
42W Triple Tube 4-Pin F42QBK/*/A/4P/EOL	(Amalgam) Compact CF42DT/E/IN/*	Fluorescent Lamp PL-T42W/*/4P/ALTO

*Manufacturers' color temperature designation.

Electrical

Ballast: Electronic, 2-Lamp HPF, Class P, Programmed Start. Universal Voltage 120/277V, Multi-Wattage 26/32/42W.

4 Lamp	26 Watt		32Watt		42Watt	
Voltage	120V	277V	120V	277V	120V	277V
Total Input Watts	112	110	138	134	182	180
Max. Line Current(amps)	0.92	0.40	1.16	0.52	1.52	0.64
Power Factor	>0.95	>0.95	>0.98	>0.98	>0.98	>0.98
Ballast Factor	1.02	1.02	1.00	1.00	0.98	0.98

THD<10% Minimum Starting Temperature: 0°F/-18°C

Mounting

Mounts directly to 4" outlet box, using crossbar hanger, supplied.

Labels

cULus Suitable for Damp Locations.

Application Data

28 Inch Diameter

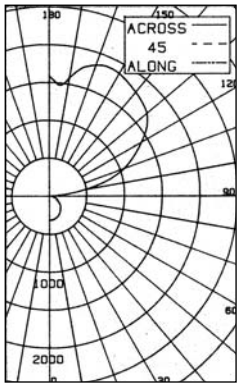
30' x 30' x 10' Space

Luminaire	Spacing: 10' x 10' Susp. Dist. 28"		
4 Lamps	26W TTT	32W TTT	42W TTT
Illum. (FC) Maint.	26	33	45
Lum. Ratio	15/1	15/1	14/1
Watts/Sq. Ft.	1.10	1.36	1.86

Reflectancies: 80% Ceiling, 50% Walls, 20% Floor.
Light Loss Factor = .75 (.88 BF x .85)
FC (footcandles) at 30" work plane.

CERTIFIED TEST REPORT NO. 4R28442A
COMPUTED BY LSI PROGRAM **TEST-LITE**

LIGHTOLIER INDIRECT/DIRECT PENDANT FIXTURE
CAT. #4R28442APBU, 28" DIFFUSER
4-42W T/E OSRAM LAMPS. LUMEN RATING = 3200 LMS.
2-ADVANCE BALLAST #ICF-2S42-M2-LD, 120 VAC



DATE: MAR. 1, 2001
PREPARED FOR:
LIGHTOLIER, FALL RIVER, MA

CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS	ANGLE	MEAN CP	LUMENS
0	309		90	35	
5	311	30	95	169	236
10	307		100	494	
15	301	85	105	819	845
20	293		110	1064	
25	283	131	115	1245	1234
30	269		120	1417	
35	252	158	125	1585	1408
40	233		130	1692	
45	215	166	135	1744	1349
50	195		140	1785	
55	172	154	145	1825	1146
60	148		150	1863	
65	124	123	155	1875	862
70	101		160	1838	
75	76	82	165	1755	491
80	56		170	1587	
85	37	45	175	1471	146
90	35		180	1584	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	358	2.61	3.20
0-40	588	4.29	5.28
0-60	1046	7.80	9.59
0-90	1373	10.73	11.20
40-90	784	6.14	6.56
60-90	327	2.55	2.88
90-180	8040	62.81	88.80
0-180	9412	73.54	100.00

** EFFICIENCY = 73.5% **

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD
%EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

	80	70	50	30	10	
	50 30 10	50 30 10	50 30 10	50 30 10	50 30 10	0
1	.58 .55 .53	.50 .48 .46	.37 .35 .34	.24 .23 .22	.12 .12 .12	.08
2	.50 .46 .43	.44 .41 .38	.32 .30 .28	.21 .20 .19	.11 .10 .10	.07
3	.44 .40 .36	.39 .35 .32	.28 .26 .24	.18 .17 .16	.09 .09 .08	.06
4	.39 .34 .30	.34 .30 .27	.25 .22 .20	.16 .15 .13	.08 .08 .07	.05
5	.34 .29 .26	.30 .26 .23	.22 .19 .17	.15 .13 .12	.08 .07 .06	.04
6	.31 .26 .22	.27 .23 .19	.20 .17 .15	.13 .11 .10	.07 .06 .05	.04
7	.27 .22 .19	.24 .20 .17	.18 .15 .13	.12 .10 .09	.06 .05 .05	.03
8	.25 .20 .16	.22 .17 .15	.16 .13 .11	.11 .09 .07	.06 .05 .04	.03
9	.22 .17 .14	.20 .16 .13	.14 .12 .10	.10 .08 .07	.05 .04 .04	.02
10	.20 .16 .13	.18 .14 .11	.13 .10 .08	.09 .07 .06	.05 .04 .03	.02

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

LIGHTOLIER®

Job Information Type:

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